

# Converting Colors

Decimal(12426331)

Have a look what the booklet for  
Decimal(12426331) contains.

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# **Color**

**Decimal(12426331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD9C5B
RGB	189, 156, 91
RGB Percent	74%, 61%, 36%
CMY	0.2588, 0.3882, 0.6431
CMYK	0.00, 0.17, 0.52, 0.26
HSL	40°, 43%, 55%
HSV	40°, 52%, 74%
XYZ	34.7631, 35.3511, 14.8888
YIQ	158.4570, 40.5330, -13.2190

# Conversions

## Conversions Part 2

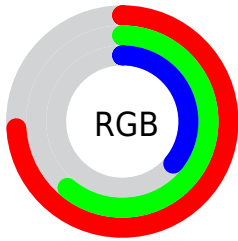
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">141, 189, 91</a>
Decimal	<a href="#">12426331</a>
CIELab	<a href="#">66.02, 4.03, 38.38</a>
CIElCh	<a href="#">66, 38.589, 84.002</a>
Yxy	<a href="#">35.3511, 0.4090, 0.4159</a>
Android (android.graphics.Color)	<a href="#">4290616411 (0xFFBD9C5B)</a>
YUV	<a href="#">158.4570, -33.2563, 26.7862</a>
Hunter-Lab	<a href="#">59.4568, 0.3156, 26.7727</a>

# Details

The Decimal color **12426331** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **5995709**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **16241294**, and **8743210** is the 20% darker color. If you saturate the color by 10%, you get **12424776**, and if you desaturate by 10%, it is **12427886**.

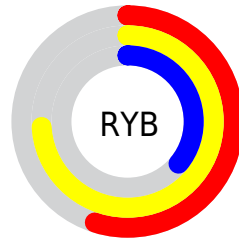
# Distribution



Red (74%)

Green (61%)

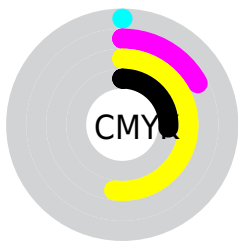
Blue (36%)



Red (55%)

Yellow (74%)

Blue (36%)

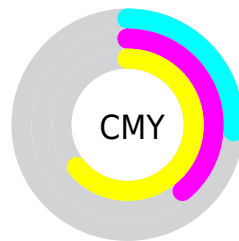


Cyan (0%)

Magenta (17%)

Yellow (52%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12426331 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 12426331 by changing the saturation by 10% instead.



 12426331       12426331

16777215       10584642

 16241294       8743210

 16773033       6967570

 16777157       5257728

 16777185       3613952

16777214       2035968

 0

 12426331       12426331

 12424776       12427886

12422965

12429697

12421410

12431252

12419855

12432807

12418304

12434618

12436172

12437983

12439538

12441087

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14127210



12426331



10200928

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12426331



45755



12947146

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



12426331



5995709

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



10132192



12426331



44760

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12426331



4240024



6268645



14583465

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12426331



8432749



6268645



12161490

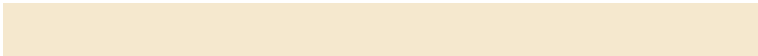


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



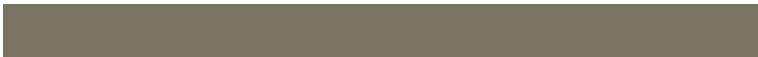
12426331



16115918



12409725



8024931



16448250



8026746



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12426331



16106077



11451739



6183765



10381568



2036736



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5995709



6131957



6970301



5593182



13726

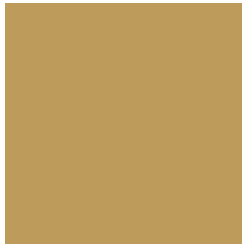


2591



# Previews

## White Background



This preview shows how the Decimal color 12426331 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 12426331 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

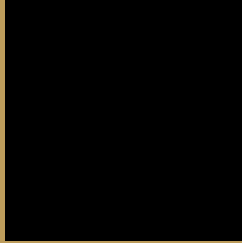
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 12426331 Background



This preview shows how black text looks on a background with the Decimal color 12426331.



This preview shows how white text looks on a background with the Decimal color 12426331.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
12426331

**Protanopia**  
11575645

**Deuteranopia**  
12884316



**Tritanopia**  
12817567

# Trichromacy



**Original Color**  
12426331

**Protanomaly**  
11902812

**Deuteranomaly**  
12687964

**Tritanomaly**  
12687238

# Monochromacy



**Original Color**  
12426331

**Achromatopsia**  
10395294

**Achromatomaly**  
11115910

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12426331 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #BD9C5B looks like.

```
.text, #text, p{  
    color:#BD9C5B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #BD9C5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD9C5B
}
```

## Border

The CSS property to change the border of an element to Decimal 12426331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BD9C5B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#BD9C5B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #BD9C5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD9C5B; -webkit-box-shadow:4px 4px  
4px 4px #BD9C5B; box-shadow:4px 4px 4px  
4px #BD9C5B }
```

# Background

The CSS property to change the background color of an element to Decimal 12426331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD9C5B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#BD9C5B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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